Index

Table of Contents Volume 65 Nos. 1-6

Volume 65 Number 1

Editorial

3 **Better ways to align impacted canines**
David L. Turpin, DDS, MSD

4 **Letters**

11 **What's new in dentistry**
Vincent Kokich, DDS, MSD

Case Report

13 **Two patients with severely displaced maxillary canines respond differently to treatment**
David L. Turpin, DDS, MSD; Heather Woloshyn, DMD, MSD

Feature Article

23 **Uncovering labially impacted teeth: apically positioned flap and closed-eruption techniques**
Michael E. Vermette, DMD, MSD; Vincent G. Kokich, DDS, MSD; David B. Kennedy, BDS, MSD
Commentary by D.P. Mathews, DDS

Original Articles

35 **Improving orthodontic bonding to silver amalgam**
Björn U. Zachrisson, DDS, MSD, PhD; Tamer Büyükyilmaz, DDS; Yngvil Ørstavik Zachrisson, DDS

43 **Stability of the palatal rugae as landmarks for analysis of dental casts**
Marco Antonio Almeida, DDS, MSD; Ceib Phillips, MPH, PhD; Katherine Kula, MS, DMD, MS; Camilla Tulloch, BDS, FDS

49 **Class II malocclusion: mandibular retrusion or maxillary protrusion?**
Robert E. Rosenblum, DMD, MS

63 **Frictional resistances using Teflon-coated ligatures with various bracket-archwire combinations**
David J. De Franco, DMD, DMedSc; Robert E. Spiller Jr., DMD, MS; J. A. von Fraunhofer, MSc, PhD
Commentary by George V. Corbitt, DMD

75 **Associated dental anomalies in an Etruscan adolescent**
Tiziano Baccetti, DDS; Lorenzo Franchi, DDS; Jacopo Moggi Cecchi; Elsa Pacciani, PhD
Commentary by Sheldon Peck, DDS, MScD

Volume 65 Number 2

Editorial

83 **The return of tooth surface luster following bracket removal**
David L. Turpin, DDS, MSD

84 **Letters**

87 **What's new in dentistry**
Vincent Kokich, DDS, MSD

Case Report

89 **Case MH**
Arthur L. Kobal, DDS

Special Article

95 **Palatal canine displacement: Guidance theory or an anomaly of genetic origin?**
A letter to the editor with a response from the original authors

In defense of the guidance theory of palatal canine displacement
Adrian Becker

Sense and nonsense regarding palatal canines
Sheldon Peck, DDS, MScD; Leena Peck, DMD, MSD; Matti Kataja, PhD

Original Articles

103 **Enamel surfaces after orthodontic bracket debonding**
Phillip M. Campbell, DDS, MSD

111 **In vitro release of nickel and chromium from different types of simulated orthodontic appliances**
Heidi Kerosuo, Dr. Odont; Grete Moe; Erik Kleven

117 **Comparisons of the thermodynamic properties of three nickel-titanium orthodontic archwires**
Samir E. Bishara, DDS, BDS, D.Ortho, MS; John M. Winterbottom, BS, MS; Abdel-Hak A. Sulieman, BDS, MS, PhD; Kwan Rim, B.Eng, PhD; Jane R. Jakobsen, BA, MS

123 **Biomechanical behavior of the periodontium before and after orthodontic tooth movement**
Kazuo Tanne, DDS, DDSc; Yasuko Inoue, DDS, DDSc; Mamoru Sakuda, DDS, DDSc

129 **Orthodontic bone remodeling in relation to appliance decay**
Gregory J. King, DMD, DMSc; Stephen D. Keeling, DDS, MS

141 **Remodeling mechanisms of transseptal fibers during and after tooth movement**
Satoru Tenshin, DDS, PhD; Manabu Tuchihashi, DDS; Kotetu Sou, DDS; Ho-sung Lew, DDS; Hirohito Hayashi, DDS; Ichiro Tanimura, DDS; Terushige Kawata, DDS, PhD

151 **Statistical analysis of differential lissajous EMG from normal occlusion and Class III malocclusion**
Toshio Deguchi, DDS, PhD, MSD; Lawrence P. Garetto, PhD; Youichi Sato, DDS; Rosario H. Potter, MSD, MS; W. Eugene Roberts, DDS, PhD
Commentary by Pavel A. Sectakof, DDS, MSC(D)

Volume 65 Number 3

Editorial

163 **Orthodontists needed on the implant team**
David L. Turpin, DDS, MSD

164 **Letters**
The CR-CO interchange; CR-CO study well done; Purpose of CR-CO study clear

167 **What's new in dentistry**
Vincent Kokich, DDS, MSD

Case Report BB

169 **Use of maxillary intraosseous implants for Class II elastic anchorage**
Nile A. Sorenson, Jr, DMD

Review and commentary

175 **The extraction–nonextraction dilemma as it relates to TMD**
Richard P. McLaughlin, DDS;
John C. Bennett, LDS, DOrth

OriginalArticles

187 **An analytical evaluation of a new spring design for segmented space closure**
Todd C. Rinaldi, BCE;
Baxter E. Johnson, DDS, MS
Appendix 1
Appendix 2

199 **Initial tooth movement under extraoral force and considerations for controlled molar movement**
Noriaki Yoshida, DDS; Paul-Georg Jost-Brinkmann, Dr med dent; Yoshiaki Yamada, DDS, DDSc

209 **Orthodontic resin under water immersion**
Ching Liang. Meng, DDS, DMSc, FICD; Wei Nan. Wang, DDS;
Tien Hsiang. Tarng, DDS, MD; Young Ching. Luo, DDS; Jye Shin. Lai, DDS; Michael G. Arvystas, DMD

215 **The role of intercuspation in regulation of transverse maxillary development in *Macaca fascicularis***
Jan M. Ostyn, DDS; Jaap C. Maltha, PhD;
Martin A. van 't Hof, PhD; Frans P.G.M. van der Linden, DDS, PhD

223 **F-H to AB plane angle (FABA) for assessment of anteroposterior jaw relationships**
Sang D. Yang, DDS. PHD; Cheong H. Suhr, DDS, PhD
Commentary by Thomas P. Sperry, DDS, MS, MSD, p 232

233 **Method for quantifying facial asymmetry in three dimensions using stereophotogrammetry**
Frank Ras, DDS, PhD;
Luc L.M.H. Habets, DDS, PhD;
Floris C. van Ginkel, MSc;
Birte Prahl-Andersen, DDS, PhD

240 **Information for authors**

Volume 65 Number 4

Editorial

243 **The need for video imaging**
David L. Turpin, DDS, MSD

Letters

244 Impacted canines

245 **What's new in dentistry**
Vincent Kokich, DDS, MSD

Case Report

247 **Case Report: Treatment of dental asymmetry**
A. Bergamini, DDS; B. Melsen B, DDS, PhD

Feature Article

253 **Communication in orthodontic treatment planning: bioethical and informed consent issues**
James L. Ackerman, DDS; William R. Proffit, DDS, PhD

Original Articles

263 **The influence of video imaging on patients' perceptions and expectations**
Ceib Phillips, PhD, MPH; Brett J. Hill, DDS, MS; Christian Cannac, DDS

271 **A comparison between radiographic and sonically produced cephalometric values**
James S. Prawat, DDS; Lewis Nieberg, DDS, MS; George J. Cisneros, DMD, MMSC; George Acs, DMD, MPH

277 **Reliability of computer-generated prediction tracing**
Thomas J. Cangialosi, DDS; Jessica M. Chung, DDS; David F. Elliott, DDS; Malcolm E. Meistrell Jr., DDS

285 **Changes in soft tissue profile of African-Americans following extraction treatment**
Roger M. Diels, DDS, MSD; Varun Kalra, BDS, MDS, DOrth. RCS, DDS, MS; Norman DeLoach, Jr., DDS, MS; Michael Powers, DDS, MS; Suchitra S. Nelson, PhD

291 **Arch dimensional changes in children with idiopathic short stature treated with recombinant growth hormone: a five-year study**
Krista A. Richey, DDS, MS; James A. McNamara, Jr., DDS, MS, PhD; Janice J. Wilmot, DMD, MS; Stanley M. Garn, PhD; Paul J. Loos, DDS, MS

Volume 65 Number 5

Editorial

303 **Arch length related problems**
David L. Turpin, DDS, MSD

304 **Letters**
Implant site development

305 **What's new in dentistry**
Vincent Kokich, DDS, MSD

Case Report

307 **Case Report RS: Guided tissue regeneration precedes tooth movement and crossbite correction**
Efthimia K. Basdra, DDS, Dr.med.dent; Thomas Mayer, DDS, Dr.med.dent; Gerda Komposch, DDS, PhD

Original Articles

311 **Early mixed dentition treatment: post-retention evaluation of stability and relapse**
Steven A. Dugoni, DMD, MSD; Jetson S. Lee, DDS, MSD; Jaime Varela MD, DDS, MSD; Arthur A. Dugoni, DDS, MSD

321 **The validity of maxillary expansion indices**
Yupares Nimkarn, DDS, MS; Peter G. Miles, BDSc, MDS; Maria T. O'Reilly, DMD, MDS, PhD; Robert J. Weyant, DMD, Dr PH

327 **Reliability of the Bolton tooth-size analysis when applied to crowded dentitions**
W. Craig Shellhart, DDS, MS; D. William Lange, DMD; G. Thomas Kluemper, DMD, MS; E. Preston Hicks, DDS, MS, MSD; Alan L. Kaplan, PhD

335 **Age-related differences in andibular ramus growth: a histologic study**
Mark G. Hans, DDS, MSD; Donald H.Enlow, PhD; Regina Noachtar
Commentary, Timothy T. Wheeler, DMD, PhD

341 **Craniofacial growth differences between low and high MP-SN angle males: a longitudinal study**
Alf Tor Karlsen, DDS

351 **Shear/peel bond strength of repositioned ceramic brackets**
Peter G. Gaffey, BDS, MSc, DipOrtho; Paul W. Major, DDS, MSc,MRCD(C); Kenneth Glover, BSc, DDS, MSc, MRCD (C); Michael Grace, PhD; James R. Koehler, BSc, DDS

359 **Longitudinal predictability of AF-BF value in Angle Class I patients**
David L. Judy, BA, DDS, MS; Allan G. Farman, PhD, EdS, MBA; Anibal M. Silveira, DDS; John M. Yancey, PhD; Fred J. Regennitter, DDS, MS; William C. Scarfe, BDS, MS

367 **A study of bite force, part 1: Relationship to various physical characteristics**

373 **A study of bite force, part 2: Relationship to various cephalometric measurements**
Stanley Braun, DDS, MME; Hans-Peter Bantleon, PhD; William P. Hnat, PhD; Josef W. Freudenthaler, DDS; Michael R. Marcotte, DDS, MSD; Baxter E. Johnson, DDS, MS, FACD

In Memory

378 **Dr. Robert B. Hedges**
Dr. Eugene E. West

Volume 65 Number 6

Editorial

383 **Creating a Home Page on the WWWeb**
David L. Turpin, DDS, MSD

384 **Letters**

386 **Announcements**
5th SIDO World Prize
1995 Edward H. Angle Research Award

387 **What's new in dentistry**
Vincent Kokich, DDS, MSD

Case Report

389 **Case MH: Treatment of a severe Class II, Division 1 malocclusion in a growing female with Class III skeletal relationship, low mandibular plane angle, and prominent nose and chin**
Jon Årtun, DDS, Dr. Odont; Charles D. Alexander, DDS, MSD; Ronald H. Ellingsen, DDS, MSD

Original Articles

395 **Continuous versus interrupted continuous orthodontic force related to early tooth movement and root resorption**
Py Owman-Moll, DDS, Odont Dr; Jüri Kurol, DDS, Odont Dr; Dan Lundgren DDS, Odont Dr
Commentary by Gregory J. King, DMD, DMSc

403 **Repair of orthodontically induced root resorption in adolescents**
Py Owman-Moll, DDS, Odont Dr; Jüri Kurol, DDS, Odont Dr; Dan Lundgren DDS, Odont Dr
Commentary by Peter Ngan, DMD

411 **Self-concept, Class II malocclusion, and early treatment**
Carl Dann IV, DDS, MS; Ceib Phillips, PhD, MPH; Hillary L. Broder, PhD; J.F. Camilla Tulloch, BDS, FDS, D.Orth

417 **Treatment needs following activator-headgear therapy**
Olav Bondevik, DDS, Lic. Odont,

423 **Changes in soft tissue profile following treatment with the bionator**
D. William Lange, DMD, MSD; Varun Kalra, BDS, MDS, D Orth.RCS, DDS, MS; B. Holly Broadbent, Jr., DDS; Michael Powers, DDS, MSD; Suchitra Nelson, PhD

431 **Incisor stability in patients with anterior rotational mandibular growth**
S. Williams, BDS, DDS, DipOrth; Carl Erik Andersen, DDS, DipOrth

443 **Correlation of orthodontic treatment demand with treatment need assessed using two indices**
Endarra L.K. Tang, BDS, MDS; Lisa L.Y. So; FRCD (Canada), FRACDS (Orth)

451 **Index to Volume 65**